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(54) Title: AXIAL COOLING TUBES PROVIDED WITH CLAMPING MEANS

(57) Abstract

A rotating electric machine, comprising a stator (1) wound with high-voltage cable and provided with stator teeth (4) extending radially inwards from an outer yoke portion (23), wherein at least one stator tooth (4) in a tooth sector (18) is provided with at least one axially-running cooling duct (24) connected to a cooling circuit (25) in which coolant is arranged to circulate and in that the axially-running cooling tube (24) is connected at least at one end of the stator (1) to a clamping means (27, 28) for axial compression of the stator (1).

